DESCRIPTIONS

Hyperline brings Category 6 unshielded UTP patch cords performance to a new level. Category 6 CM rated patch cords are ideal for voice, data, video and security communication mediums for all your network installation requirements. Manufactured to the highest quality standards and approved by 3rd party organizations such as ETL, they protect critical data from EMI (electro-magnetic interference) and RFI (radio frequency interference).

APPLICATIONS

- Transmission of digital and analogue for data, video and audio applications.
- CDDI/ATM/Token Ring
- IEEE802.3af   (PoE)/IEEE802.3a   t(PoE+)

MATERIALS

Diameter of insulated conductor	0.88 ± 0.05 mm
Conductor	7 copper wires Ø0.18 mm (0.008), 24 AWG
Shield	Aluminum foil
Jacket	PVC Ø6.0 ± 0.2 mm (0.2 ± 0.008)
Drain wire	/
Screening	/
Cast caps	Polyvinyl chloride (PVC)

PERFORMANCE COMPLIANCE

- Complies with ANSI /TIA/EIA-568.C2,ISO/IEC11801
- Test of fire resistance: IEC60332-1,
- ANSI/TIA/EIA-568B:directT568B

ELECTRICAL SPECIFICATIONS

The maximum current	1.5 A
Maximum allowable voltage	7 copper wires Ø0.18 mm (0.008), 24 AWG
Dielectric strength	1000 V / 1 min.
Insulation resistance	≥ 500 M Om
Contact resistance	≤20 milliohm
Storage temperature	-10 ° C - + 60 ° C
Relative humidity	≤ 93% of the number of connections *: ≥ 1000 cycles
Number of connections	*: ≥ 1000 cycles
Tensile strength (cable/connector):	≥ 89 N

FEATURES

- High performance rate of transmission
- High quality of safety property
- Sweep frequency up to 100MHz
- Meets/exceeds ANSI/TIA-568-C.2 specification
- 2pcs, 8P8C, Unshielded Knives contact: copper alloy with gold plating-3µ (0.0762 um) material

Available in ten different jacket colors

| WH | BL | GY | OR | GN | VT | BK | YL | RD | PK |

Hyperline
CABLING SYSTEMS

ORDERING

Part Number	Description
Available lengths	YYY = 1,2, 3, 4, 5, 7, 10, 15 and 25 Feet, Special order 50, 75, 100 or 200 Feet
PC3-LPM-UTP-RJ45-C6-YYY-WH	Category 6 RJ45, 8P8C, Unshielded Patch Cord, White
PC3-LPM-UTP-RJ45-C6-YYY-BL	Category 6 RJ45, 8P8C Unshielded Patch Cord, Blue
PC3-LPM-UTP-RJ45-C6-YYY-GY	Category 6 RJ45, 8P8C Unshielded Patch Cord, Grey
PC3-LPM-UTP-RJ45-C6-YYY-OR	Category 6 RJ45, 8P8C Unshielded Patch Cord, Orange
PC3-LPM-UTP-RJ45-C6-YYY-GN	Category 6 RJ45, 8P8C Unshielded Patch Cord, Green
PC3-LPM-UTP-RJ45-C6-YYY-VT	Category 6 RJ45, 8P8C Unshielded Patch Cord, Violet
PC3-LPM-UTP-RJ45-C6-YYY-BK	Category 6 RJ45, 8P8C Unshielded Patch Cord, Black
PC3-LPM-UTP-RJ45-C6-YYY-YL	Category 6 RJ45, 8P8C Unshielded Patch Cord, Yellow
PC3-LPM-UTP-RJ45-C6-YYY-RD	Category 6 RJ45, 8P8C Unshielded Patch Cord, Red
PC3-LPM-UTP-RJ45-C6-YYY-PK	Category 6 RJ45, 8P8C Unshielded Patch Cord, Pink